

I CLAIM:

1. A collapsible canopy frame comprising:  
elongated side poles each having a side and an end; and  
a plurality of wheel assemblies each having a mounting post  
5 and a wheel, the mounting post of each wheel assembly being  
supported on and extending transverse to a corresponding one of  
the elongated side poles.

2. The collapsible canopy frame of claim 1, wherein each  
10 said wheel assembly is removably supported on the corresponding  
one of the elongated side poles.

3. The collapsible canopy frame of claim 1, wherein the  
mounting post of each said wheel assembly extends through the  
15 side of the corresponding elongated side pole.

4. The collapsible canopy frame of claim 3, further  
comprising a bracket in the interior of a corresponding one of  
each of the elongated side poles, wherein each said bracket and  
20 each said corresponding elongated side pole comprises an opening  
aligned with each other through which the mounting post of the  
corresponding wheel assembly extends.

5. The collapsible canopy frame of claim 4, wherein each  
25 said mounting post is removably secured in the corresponding  
bracket.

6. The collapsible canopy frame of claim 4, wherein each  
said bracket comprises a foot bracket, wherein each said foot  
30 bracket is mounted extending into the end of the corresponding  
elongated side pole.

7. The collapsible canopy frame of claim 6, wherein a first side of each said foot bracket comprises at least one resilient tongue at the bracket opening which engages a recess in the mounting post of the corresponding wheel assembly to  
5 secure the corresponding wheel assembly to the foot bracket.

8. The collapsible canopy frame of claim 7, wherein each said foot bracket comprises a second side having a second opening, laterally offset from the bracket opening, that is  
10 aligned with a second opening in the corresponding elongated side pole to receive the mounting post of a corresponding one of the wheel assemblies.

9. The collapsible canopy frame of claim 8, wherein the  
15 second side surface of each said foot bracket comprises at least one second resilient tongue at the second opening which engages a recess in the mounting post of a corresponding wheel assembly to secure the corresponding wheel assembly to the foot bracket.

20 10. The collapsible canopy frame of claim 7, wherein the opening of each said foot bracket comprises a resilient compression material mounted therein, and wherein the resilient compression material has an opening that is smaller than an enlarged portion of the mounting post of the corresponding wheel  
25 assembly, such that the opening of the resilient compression material compressibly secures the enlarged portion of such mounting post in such foot bracket to secure the mounting post to the foot bracket.

30 11. The collapsible canopy frame of claim 1, further comprising a plurality of foot brackets, wherein each said foot

bracket is mounted at the end of a corresponding one of the elongated side poles.

12. The collapsible canopy frame of claim 11, wherein the  
5 mounting post of each said wheel assembly is non-rotatably mounted to a corresponding one of the plurality of foot brackets.

13. The collapsible canopy frame of claim 11, wherein the  
10 mounting post of each said wheel assembly is removably mounted to a corresponding one of the plurality of foot brackets.

14. The collapsible canopy frame of claim 11, wherein each  
15 said foot bracket comprises a first side surface having a first post opening that extends therethrough and receives the mounting post of a corresponding one of the plurality of wheel assemblies.

15. The collapsible canopy frame of claim 14, wherein the  
20 first side surface of each said foot bracket comprises at least one resilient tongue that defines at least a portion of the first post opening and engages a recess in the mounting post of the corresponding one of the plurality of wheel assemblies to secure the corresponding one of the plurality of wheel  
25 assemblies thereto.

16. The collapsible canopy frame of claim 14, wherein each  
said foot bracket comprises a second side surface having a  
second post opening, laterally offset from the first post  
30 opening, that extends therethrough and receives the mounting post of the corresponding one of the plurality of wheel assemblies.

17. The collapsible canopy frame of claim 16, wherein the second side surface of each said foot bracket comprises at least one resilient tongue that defines at least a portion of the second post opening and engages a recess in the mounting post of the corresponding one of the plurality of wheel assemblies to secure the corresponding one of the plurality of wheel assemblies thereto.

18. The collapsible canopy frame of claim 14, wherein each said foot bracket comprises a compression material mounted in the first post opening, wherein the compression material has an opening that is smaller than an enlarged portion of the mounting post of a corresponding one of the plurality of wheel assemblies, such that the opening of the compression material compressibly receives the enlarged portion of the mounting post of the corresponding one of the plurality of wheel assemblies to secure it thereto.

19. The collapsible canopy frame of claim 16, wherein each said foot bracket comprises a compression material mounted in the second post opening, wherein the compression material has an opening that is smaller than an enlarged portion of the mounting post of a corresponding one of the plurality of wheel assemblies, such that the opening of the compression material compressibly receives the enlarged portion of the mounting post of the corresponding one of the plurality of wheel assemblies to removably secure it thereto.

20. A collapsible canopy frame comprising:  
elongated side poles each having a side and an end;

a plurality of wheel assemblies each having a mounting post and a wheel, the mounting post of each said wheel assembly being supported on and extending transverse to a corresponding one of the elongated side poles, wherein the mounting post of each said  
5 wheel assembly extends through the side of the corresponding elongated side pole; and

a bracket mounted at the end of a corresponding one of each of the elongated side poles, wherein each said bracket and each corresponding elongated side pole comprises an opening aligned  
10 with each other through which the mounting post of the corresponding wheel assembly extends.

21. The collapsible canopy frame of claim 20, wherein each said wheel assembly is removably supported on the corresponding  
15 elongated side pole.

22. The collapsible canopy frame of claim 20, wherein a portion of each said bracket is disposed in the interior of the corresponding elongated side pole.  
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23. The collapsible canopy frame of claim 22, wherein each said mounting post is removably secured to the corresponding bracket.

24. The collapsible canopy frame of claim 20, wherein each said bracket comprises a foot bracket, wherein each said foot bracket is mounted extending into the end of the corresponding elongated side pole.  
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25. The collapsible canopy frame of claim 24, wherein a first side of each said foot bracket comprises at least one resilient tongue at the bracket opening which engages a recess  
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in the mounting post of the corresponding wheel assembly to secure the corresponding wheel assembly to the foot bracket.

26. The collapsible canopy frame of claim 25, wherein each  
5 said foot bracket comprises a second side having a second opening, laterally offset from the bracket opening, that is aligned with a second opening in the corresponding elongated side pole to receive the mounting post of a corresponding one of the wheel assemblies.

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27. The collapsible canopy frame of claim 26, wherein the second side surface of each said foot bracket comprises at least one second resilient tongue at the second opening which engages a recess in the mounting post of a corresponding wheel assembly  
15 to secure the corresponding wheel assembly to the foot bracket.

28. The collapsible canopy frame of claim 25, wherein the opening of each said foot bracket comprises a resilient compression material mounted therein, and wherein the resilient  
20 compression material has an opening that is smaller than an enlarged portion of the mounting post of the corresponding wheel assembly, such that the opening of the resilient compression material compressibly secures the enlarged portion of such mounting post in such foot bracket to secure the mounting post  
25 to the foot bracket .

29. The collapsible canopy frame of claim 20, wherein the mounting post of each said wheel assembly is non-rotatably mounted to the corresponding foot bracket.

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30. A collapsible canopy frame comprising:

telescoping elongated side poles each having an upper section and a lower section, wherein each said lower section comprises a side and an end;

5 a set of edge scissor assemblies that are pivotably coupled between adjacent ones of the telescoping elongated side poles, each said set of edge scissor assemblies having ribs that rotate relative to each other; and

10 a plurality of wheel assemblies each having a mounting post and a wheel, the mounting post of each said wheel assembly being supported on and extending transverse to a corresponding one of the telescoping elongated side poles.